

User ID: RPW

RAW DATA REPORT

Report Request ID: 657435

Report Code: AMP350

Jul. 8, 2009

GEOGRAPHIC SELECTIONS

Tribal	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	49			88101										2008 01 01	2008 12 31

SELECTED OPTIONS

Option Type	Option Value
RAW DATA EVENTS	INCLUDE EVENTS
INCLUDE NULLS	YES
DAILY STATISTICS	MAXIMUM
MERGE PDF FILES	YES
UNITS	STANDARD

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	PARAMETER_CODE
5	POC

SCR GROUP SELECTIONS

Utah
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-003-0003 POC: 1  
 COUNTY: (003) Box Elder  
 CITY: (08460) Brigham City  
 SITE ADDRESS: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT  
 SITE COMMENTS: SITE FOR OZONE, PM2.5, AND MET  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (219) UTAH  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 41.492778  
 LONGITUDE: -112.018056  
 UTM ZONE: 12  
 UTM NORTHING: 4593750  
 UTM EASTING: 415018  
 ELEVATION-MSL: 1334  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.2		9.4					7.5				
2						5.1	9.6				1.7	3.0
3		1.9		4.7	4.6				5.7	6.1		
4	8.3		2.7					6.2				
5						1.5	13.8				1.7	6.7
6		6.0		2.1	5.9				3.9	3.6		
7	9.1		12.3					6.5				
8						2.1	12.7				8.1	11.4
9		4.3		7.3	7.2				7.1	4.2		
10	15.3		7.0					4.4				
11						1.2	6.3				3.2	10.0
12		13.7		10.6	4.3				5.7	1.6		
13	21.3		2.7					6.3				
14						5.8	6.3				2.3	2.2
15		10.7		13.3	3.2				5.9	7.5		
16	6.2		1.7					3.6				
17						9.0	10.2				8.7	AI
18		22.7		7.6	6.8				6.2	4.6		
19	22.6		4.4					6.2				
20						4.8	10.9				8.5	AI
21		P 43.4		3.9	8.7				5.0	3.7		
22	15.6		4.1					8.2				
23						6.3	7.4				5.7	2.7
24		4.7		2.6	3.4				6.1	9.7		
25	P 43.1		3.5					7.1				
26						P 42.7 rt	6.0				16.7	3.0
27		22.2		7.7	5.5				7.3	6.4		
28	1.5		5.2					8.7				
29						11.1	9.9				5.6	20.2
30				3.4	4.0				7.6	7.9		
31	1.3		2.4					8.1				
NO.:	11	9	11	10	10	10	10	11	10	10	10	8
MAX:	43.1	43.4	12.3	13.3	8.7	42.7	13.8	8.7	7.6	9.7	16.7	20.2
MEAN:	14.14	14.40	5.04	6.32	5.36	8.96	9.31	6.62	6.05	5.53	6.22	7.40

3 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 3 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0004 POC: 1  
 COUNTY: (005) Cache  
 CITY: (45860) Logan  
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT  
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (219) UTAH  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 41.731111  
 LONGITUDE: -111.8375  
 UTM ZONE: 12  
 UTM NORTHING: 4620024  
 UTM EASTING: 430337  
 ELEVATION-MSL: 1380  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0:(1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AN	3.7	21.9	4.1	2.9	6.0	9.2	9.9	3.0	8.6	AN	9.0
2	AN	7.6	AN	5.1	4.4	5.0	10.9	8.8	5.2	8.2	AN	5.8
3	AN	2.2	AN	5.4	4.9	5.7	12.3	5.8	6.0	8.2	AN	2.8
4	2.3	5.5	AN	5.4	4.4	3.3	20.4	5.9	5.5	3.5	2.7	3.2
5	AN	18.4	11.1	3.5	AV	1.6	16.1	7.4	6.1	2.5	3.7	8.4
6	4.7	7.4	18.7	3.3	AN	3.1	10.5	8.3	4.3	4.3	AN	9.5
7	11.5	2.5	25.3	3.8	AN	2.3	11.0	7.9	3.7	5.0	12.4	10.4
8	25.2	AN	21.4	5.1	AN	1.9	7.4	6.5	4.2	4.6	14.1	7.0
9	6.1	8.2	11.6	AM	5.7	3.1	13.4	4.6	5.9	4.4	8.0	5.7
10	14.4	16.9	17.1	4.9	3.5	2.5	9.9	3.5	5.9	6.2	2.7	9.0
11	11.1	13.7	26.5	5.6	6.3	1.2	6.9	5.0	5.7	3.0	3.7	12.7
12	20.7	18.9	13.9	8.8	3.9	2.5	5.9	4.6	6.0	2.0	4.2	12.9
13	32.3	14.9	4.3	6.9	3.7	4.0	6.5	6.1	5.9	4.4	AN	2.8
14	15.9	5.6	3.2	7.0	3.3	5.2	7.3	6.2	6.3	6.9	4.6	2.3
15	AM	18.5	4.2	8.8	4.3	7.6	10.4	5.3	6.8	6.7	9.5	7.0
16	10.5	P 42.8	3.1	AN	AN	9.7	13.0	4.5	8.3	7.3	10.7	10.4
17	21.5	P 42.7	3.7	AN	AN	8.7	12.9	5.1	7.9	7.2	13.3	13.9
18	28.9	29.7	5.5	8.1	AN	6.9	14.4	5.5	8.2	5.4	15.4	22.7
19	23.9	P 40.5	5.4	14.7	AN	6.2	15.0	6.7	8.3	6.2	15.4	2.4
20	16.1	P 49.2	4.1	8.0	AN	6.1	12.3	6.8	6.2	5.4	5.4	3.9
21	7.6	P 69.2	5.2	5.0	AN	5.9	9.1	5.6	6.3	4.1	4.7	12.8
22	AN	P 71.5	4.7	7.6	AN	9.7	7.8	9.4	5.7	5.1	8.8	6.6
23	P 38.3	P 62.4	7.3	5.1	AN	6.9	7.0	8.4	5.6	8.0	8.6	6.1
24	P 45.7	11.0	7.0	2.9	3.5	10.0	9.8	6.5	6.8	10.7	10.1	8.6
25	P 57.2	13.6	4.3	3.7	4.0	11.5	9.8	6.2	8.3	11.2	14.4	.7
26	26.8	13.8	5.7	4.6	3.9	14.3	7.4	6.3	6.9	7.7	15.7	7.7
27	12.4	23.8	2.0	7.2	5.6	8.9	7.5	6.1	8.4	9.0	16.6	9.7
28	1.7	P 42.7	4.7	9.1	4.2	6.4	10.0	12.6	7.8	AM	10.7	15.1
29	2.3	P 39.7	2.1	9.6	3.8	7.8	10.9	8.4	8.7	11.2	8.4	17.7
30	3.4		3.8	4.1	4.2	10.5	10.3	7.1	9.3	AM	6.6	8.9
31	2.3		3.2		5.1		12.4	5.3		11.3		27.4
NO.:	25	28	28	27	19	30	31	31	30	29	25	31
MAX:	57.2	71.5	26.5	14.7	6.3	14.3	20.4	12.6	9.3	11.3	16.6	27.4
MEAN:	17.71	24.88	8.96	6.20	4.29	6.15	10.57	6.65	6.44	6.48	9.22	9.13

12 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4

12 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-005-0004 POC: 2  
 COUNTY: (005) Cache  
 CITY: (45860) Logan  
 SITE ADDRESS: 125 W. CENTER STREET, LOGAN, UT  
 SITE COMMENTS: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.  
 MONITOR COMMENTS: COLLOCATED SAMPLES USED TO SUBSTITUTE FOR MISSING POC 1 VALUES

STATE: (49) Utah  
 AQCR: (219) UTAH  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 41.731111  
 LONGITUDE: -111.8375  
 UTM ZONE: 12  
 UTM NORTHING: 4620024  
 UTM EASTING: 430337  
 ELEVATION-MSL: 1380  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.0		22.5									
2											2.1	6.7
3									6.3	7.7		
4								7.0				
5						1.9	16.1					
6		7.8		3.2	6.8							
7	12.0		25.7									
8											AM	7.2
9									5.9	4.8		
10								4.6				
11						1.4	7.9					
12		18.5		9.0	3.7							
13	32.7		4.9									
14											4.5	2.6
15									6.5	7.2		
16								4.4				
17						8.7	11.9					
18		30.6		8.3	7.2							
19	25.0		5.4								5.9	4.2
20												
21									6.0	4.5		
22								9.9				
23						7.3	7.2					
24		11.7		2.9	3.5							
25	P 57.4		3.7									
26											16.0	8.2
27									8.0	9.2		
28								12.3				
29						7.0	11.3					
30				4.0	4.5							
31	2.5		3.2									
NO.:	6	4	6	5	5	5	5	5	5	5	4	5
MAX:	57.4	30.6	25.7	9.0	7.2	8.7	16.1	12.3	8.0	9.2	16.0	8.2
MEAN:	23.60	17.15	10.90	5.48	5.14	5.26	10.88	7.64	6.54	6.68	7.13	5.78
ANNUAL OBSERVATIONS:		60		ANNUAL MEAN:	9.52	ANNUAL MAX:	57.4					

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-011-0004 POC: 1  
 COUNTY: (011) Davis  
 CITY: (07690) Bountiful  
 SITE ADDRESS: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH  
 SITE COMMENTS: NEW SITE TO REPLACE 490110001  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.902967  
 LONGITUDE: -111.884467  
 UTM ZONE: 12  
 UTM NORTHING: 4528150.36  
 UTM EASTING: 425503.56  
 ELEVATION-MSL: 1309  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.2		6.4					8.4				
2						11.2	11.6				2.7	3.9
3		1.9		5.3	9.4				5.7	7.7		
4	5.5		3.7					8.6				
5						4.0	14.7				5.7	10.9
6		9.2		3.3	11.7				1.3	3.5		
7	12.3		10.9					7.9				
8						2.0	21.2				9.1	11.6
9		13.4		9.6	13.7				6.6	7.4		
10	12.9		5.6					4.7				
11						17.4	11.2				5.1	14.1
12		12.8		7.0	13.4				5.6	4.2		
13	AM		3.6					6.9				
14						6.3	8.4				3.4	2.6
15		19.7		25.3	4.6				6.2	6.8		
16	9.8		4.3					AM				
17						12.6	12.9				17.4	13.9
18		21.2		12.9	AL				7.8	4.5		
19	25.7		7.3					7.6				
20						8.1	10.9				7.4	6.5
21		P 49.4		5.8	16.0				7.1	4.6		
22	24.7		4.0					7.4				
23						13.3	11.6				10.0	3.2
24		3.6		4.5	10.7				7.4	10.2		
25	P 52.4		6.4					8.8				
26						14.1	6.5				25.8	3.9
27		24.4		11.2	19.5				6.9	8.8		
28	1.8		5.8					10.3				
29						12.0	18.7				10.7	19.2
30				16.5	11.3				7.4	8.9		
31	2.7		2.6					10.2				
NO.:	10	9	11	10	9	10	10	10	10	10	10	10
MAX:	52.4	49.4	10.9	25.3	19.5	17.4	21.2	10.3	7.8	10.2	25.8	19.2
MEAN:	16.50	17.29	5.51	10.14	12.26	10.10	12.77	8.08	6.20	6.66	9.73	8.98

2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-0003 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (00000) Not in a city  
 SITE ADDRESS: 5715 S. 1400 E., SALT LAKE CITY  
 SITE COMMENTS: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.646667  
 LONGITUDE: -111.849722  
 UTM ZONE: 12  
 UTM NORTHING: 4499650  
 UTM EASTING: 428153  
 ELEVATION-MSL: 1335  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0:(1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	25.4	7.6	4.2	6.7	4.2	9.0	10.8	7.6	3.7	11.4	4.2	8.3
2	BA	7.7	3.2	9.7	6.2	8.2	14.8	11.8	7.2	12.3	4.1	3.2
3	P 46.8	1.6	6.6	6.9	6.5	11.6	19.8	8.7	7.4	10.5	5.6	4.8
4	2.2	3.6	6.5	6.2	5.9	4.5	18.3	11.5	5.3	3.9	5.1	6.3
5	5.7	14.5	6.2	4.7	8.2	2.8	16.1	11.6	10.7	3.1	2.8	12.2
6	9.2	10.9	5.4	4.4	7.8	5.8	14.2	9.7	5.5	4.7	8.4	15.7
7	16.7	6.6	10.3	4.7	5.9	3.2	15.0	9.0	5.6	5.7	9.9	21.9
8	11.1	5.0	6.0	8.1	6.3	2.9	15.4	12.1	7.9	8.2	8.7	14.2
9	5.0	14.5	13.3	6.1	8.0	3.4	6.7	8.3	6.5	8.7	6.7	9.1
10	11.6	15.1	9.8	4.7	5.2	3.7	10.7	7.2	4.8	6.1	5.3	13.7
11	16.5	12.0	8.5	4.5	7.1	2.4	10.1	13.1	6.6	5.0	7.7	20.1
12	19.0	12.2	6.7	8.0	7.3	2.8	8.4	11.3	7.4	4.5	5.7	19.7
13	23.6	6.2	3.5	5.5	4.7	4.5	12.5	9.4	6.4	7.6	6.1	9.2
14	21.3	4.6	2.9	9.8	4.2	6.7	9.7	AN	6.2	9.8	7.4	4.1
15	13.0	17.9	5.1	26.0	3.7	10.4	12.2	8.1	9.7	9.0	12.7	3.3
16	12.3	P 36.5	6.4	4.3	8.0	13.4	13.0	6.6	9.4	10.1	16.4	9.4
17	14.2	P 36.8	2.7	6.5	7.7	11.4	13.2	6.8	7.6	9.4	21.2	15.4
18	19.2	23.2	4.9	10.5	9.0	9.4	12.1	9.4	8.6	6.6	25.2	15.2
19	19.6	P 36.3	4.6	P 35.9 rj	7.9	7.2	14.7	10.0	7.3	7.7	28.5	2.3
20	17.4	P 47.2	5.2	24.0	27.4	6.7	8.4	10.7	5.4	5.8	12.2	7.3
21	11.8	P 43.6	7.6	8.7	12.4	6.3	8.3	8.9	6.8	5.7	9.5	15.4
22	25.7	18.2 Y	4.7	10.3	3.8	10.7	9.8	11.2	6.8	7.1	14.2	1.8
23	P 41.8	17.9	6.4	8.1	3.0	9.8	11.0	10.3	7.8	9.7	17.0	7.4
24	P 59.6	3.5	5.6	4.2	2.7	10.7	25.5	6.9	7.5	13.2	16.1	6.4
25	P 43.0	9.2	6.2	4.3	5.0	13.3	12.7	11.7	6.4	12.2	24.7	.9
26	9.1	12.3	8.1	6.2	5.8	11.3	7.0	9.7	9.6	12.3	30.2	5.2
27	2.5	18.1	4.5	10.1	6.9	10.8	7.4	7.8	10.2	14.7	31.0	10.7
28	1.6	27.3	7.1	8.7	5.0	8.4	8.3	13.6	8.9	16.2	22.3	14.8
29	2.5	18.7	2.7	22.4	7.5	10.8	10.8	10.2	8.7	11.9	13.6	16.1
30	2.3	8.7	5.7	6.5	6.5	13.1	8.2	9.9	8.8	10.0	8.3	18.2
31	3.4	2.6		7.6	7.6		11.8	7.1		5.9		P 36.4
NO.:	30	29	31	30	31	30	31	30	30	31	30	31
MAX:	59.6	47.2	13.3	35.9	27.4	13.4	25.5	13.6	10.7	16.2	31.0	36.4
MEAN:	17.10	16.86	6.01	9.53	7.01	7.84	12.16	9.67	7.36	8.68	13.03	11.25

11 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4

11 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-1001 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (47290) Magna  
 SITE ADDRESS: 2935 SOUTH 8560 WEST MAGNA,UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.708611  
 LONGITUDE: -112.094722  
 UTM ZONE: 12  
 UTM NORTHING: 4506792  
 UTM EASTING: 407529  
 ELEVATION-MSL: 1317  
 PROBE HEIGHT: 7

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0:(1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	16.8		2.6					9.6				
2						1.9	11.1				1.9	2.5
3		1.9		3.6	4.3				6.3	6.6		
4	5.0		3.1					11.5				
5						1.7	AJ				3.3	7.3
6		4.4		3.2	5.8				5.1	4.1		
7	20.8		6.9					6.7				
8						AM	12.7				6.4	11.8
9		8.1		4.5	7.6				5.7	4.4		
10	9.1		7.5					6.6				
11						8.9	6.5				4.6	14.8
12		7.0		5.1	4.5				6.1	2.2		
13	19.8		6.2					7.7				
14						6.0	7.0				3.2	2.2
15		12.2		18.9	3.5				6.5	9.4		
16	5.7		2.1					3.9				
17						11.5	12.6				16.2	11.5
18		17.6		9.3	6.9				6.8	5.9		
19	13.2		4.9					6.5				
20						6.3	8.8				7.8	4.1
21		P 43.9		5.7	10.2				5.5	3.8		
22	16.5		3.3					8.2				
23						8.7	9.2				9.8	3.4
24		2.4		4.1	2.7				7.0	9.7		
25	P 38.5		4.4					6.8				
26						11.5	6.4				27.4	2.4
27		19.2		7.8	10.7				8.1	8.2		
28	1.0		4.9					6.0				
29						8.9	13.1				6.7	16.3
30				4.7	5.3				7.7	8.7		
31	1.5		3.4					5.6				
NO.:	11	9	11	10	10	9	9	11	10	10	10	10
MAX:	38.5	43.9	7.5	18.9	10.7	11.5	13.1	11.5	8.1	9.7	27.4	16.3
MEAN:	13.45	12.97	4.48	6.69	6.15	7.27	9.71	7.19	6.48	6.30	8.73	7.63

2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3006 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (67000) Salt Lake City  
 SITE ADDRESS: 1675 SOUTH 600 EAST, SALT LAKE CITY  
 SITE COMMENTS:  
 MONITOR COMMENTS: PARTISOL WITH WINS IMPACTOR

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.736389  
 LONGITUDE: -111.872222  
 UTM ZONE: 12  
 UTM NORTHING: 4509639  
 UTM EASTING: 426359  
 ELEVATION-MSL: 1306  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	20.7	6.3	5.7	6.3	3.7	6.6	8.7	7.2	8.0	11.1	4.8	6.4
2	P 35.7	6.1	3.1	7.1	4.8	6.7	11.0	14.3	13.3	12.5	3.1	13.9
3	P 44.5	2.0	6.2	5.7	5.2	6.5	14.1	7.5	9.4	11.1	5.2	18.8
4	4.8	3.3	3.5	6.3	5.4	4.1	18.9	7.4	9.9	7.0	3.4	6.2
5	5.4	9.7	5.6	4.6	7.7	2.7	13.9	14.5	13.7	2.5	4.2	12.2
6	5.2	11.2	4.7	3.7	7.0	4.0	9.9	12.2	7.3	3.9	6.7	16.7
7	12.7	6.5	7.8	AN	6.9	2.4	11.3	7.0	5.5	6.2	8.2	23.3
8	10.0	7.1	5.3	6.9	5.8	2.7	BC	7.3	11.7	8.6	9.2	12.6
9	3.1	13.2	10.4	6.5	8.7	3.4	13.9	6.0	7.8	9.3	4.5	6.0
10	10.7	16.6	6.5	4.9	5.2	5.6	9.6	5.2	6.0	6.5	6.2	13.2
11	18.1	12.2	7.5	3.6	7.4	1.8	8.7	6.6	7.2	5.6	8.4	18.9
12	18.0	9.8	5.3	6.7	5.3	2.2	16.3	7.7	7.0	4.0	5.7	22.0
13	21.1	8.3	3.6	5.9	4.0	4.2	12.8	7.6	9.2	6.8	5.8	8.9
14	18.9	5.0	3.2	10.7	3.3	4.7	7.0	8.6	8.7	8.7	4.7	3.9
15	11.9	19.0	5.7	26.8	3.2	8.2	12.5	7.4	11.7	8.2	9.9	3.4
16	8.0	35.3	5.1	4.0	6.5	11.6	15.5	3.9	11.3	8.8	15.2	6.8
17	12.3	31.1	3.8	6.7	6.5	10.9	14.3	4.9	10.5	10.9	19.7	13.9
18	19.3	26.4	4.9	11.8	7.3	7.5	12.2	7.9	10.3	7.4	25.2	14.6
19	18.2	P 37.4	5.5	31.3	7.0	6.1	14.7	11.2	9.4	8.3	26.6	3.6
20	20.7	P 44.2	5.4	23.5	15.4	6.0	11.0	11.6	7.2	7.3	5.9	10.5
21	13.0	P 42.3	7.6	6.7	9.8	4.4	10.7	7.4	8.5	5.7	7.7	14.2
22	27.2	15.3	5.0	11.6	4.4	10.7	11.6	9.2	7.0	7.4	12.8	3.1
23	P 39.4	22.3	6.4	7.7	4.5	8.2	9.4	9.5	7.6	11.3	13.3	AM
24	P 63.7	5.0	6.7	3.9	2.8	10.9	10.9	8.1	10.0	12.2	14.9	6.6
25	P 54.0	6.8	7.6	4.4	4.4	10.5	7.6	11.1	8.1	12.4	24.8	.7
26	9.5	12.2	AN	6.0	4.6	10.0	5.3	9.6	10.3	13.9	30.6	4.3
27	3.2	20.7	4.9	8.9	6.2	9.7	7.2	7.7	12.5	16.3	31.4	8.7
28	2.0	24.9	7.4	9.2	5.2	5.4	7.8	8.6	10.6	16.6	23.5	12.5
29	3.1	17.4	3.0	17.1	5.0	13.2	10.9	10.0	10.2	13.7	14.3	15.0
30	2.7	7.9	5.5	6.2	6.2	10.3	8.3	9.0	11.7	14.2	6.9	24.6
31	4.8	2.7	6.2	6.2	6.2	11.8	7.7	9.0	9.0	9.0	35.1	35.1
NO.:	31	29	30	29	31	30	30	31	30	31	30	30
MAX:	63.7	44.2	10.4	31.3	15.4	13.2	18.9	14.5	13.7	16.6	31.4	35.1
MEAN:	17.48	16.47	5.60	9.10	5.99	6.71	11.26	8.51	9.39	9.27	12.09	12.02

8 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 8 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3007 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (83445) West Valley  
 SITE ADDRESS: 3275 W 3100 S, WEST VALLEY CITY, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.704444  
 LONGITUDE: -111.968611  
 UTM ZONE: 12  
 UTM NORTHING: 4506194  
 UTM EASTING: 418164  
 ELEVATION-MSL: 1295  
 PROBE HEIGHT: 5

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Day												
1	17.0	5.9	4.2									
2												
3		2.5		6.1								
4	5.0		4.7									
5												
6		10.8		4.2								
7	18.7		8.4									
8												
9		10.5		6.1								
10	6.5		9.4									
11												
12		10.7		7.9								
13	24.3		AV									
14												
15		AL		26.0								
16	11.5		3.1									
17												
18		31.5		14.2								
19	15.2		5.7									
20												
21		P 45.5		7.8								
22	22.1		4.2									
23												
24		3.4		4.4								
25	P 46.0		6.4									
26												
27		18.2		11.6								
28	2.0		AL									
29												
30				6.2								
31			3.0									
NO.:	10	9	9	10	0	0	0	0	0	0	0	0
MAX:	46.0	45.5	9.4	26.0								
MEAN:	16.83	15.44	5.46	9.45								
ANNUAL OBSERVATIONS:		38	ANNUAL MEAN:	11.87	ANNUAL MAX:	46.0						

2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3007 POC: 2  
 COUNTY: (035) Salt Lake  
 CITY: (83445) West Valley  
 SITE ADDRESS: 3275 W 3100 S, WEST VALLEY CITY, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS: COLLOCATED SAMPLES USED TO SUBSTITUTE FOR MISSING POC 1 VALUES

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.704444  
 LONGITUDE: -111.968611  
 UTM ZONE: 12  
 UTM NORTHING: 4506194  
 UTM EASTING: 418164  
 ELEVATION-MSL: 1295  
 PROBE HEIGHT: 5

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	17.5	7.7	4.0									
2												
3												
4												
5												
6		10.8		4.0								
7	18.6		8.3									
8												
9												
10												
11												
12		8.3		8.0								
13	24.5		AV									
14												
15												
16												
17												
18		31.4		14.1								
19	15.9		5.2									
20												
21												
22												
23												
24		3.6		4.6								
25	P 47.6		6.3									
26												
27												
28												
29												
30				6.4								
31			3.2									
NO.:	5	5	5	5	0	0	0	0	0	0	0	0
MAX:	47.6	31.4	8.3	14.1								
MEAN:	24.82	12.36	5.40	7.42								

ANNUAL OBSERVATIONS: 20 ANNUAL MEAN: 12.50 ANNUAL MAX: 47.6  
 1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4  
 Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3008 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (00000) Not in a city  
 SITE ADDRESS: 12950 S. 5600 WEST, HERRIMAN, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: RURAL

CAS NUMBER:  
 LATITUDE: 40.517946  
 LONGITUDE: -112.023051  
 UTM ZONE: 12  
 UTM NORTHING: 4485530  
 UTM EASTING: 413333  
 ELEVATION-MSL: 1405  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.8		3.1									
2												
3		2.4		3.7								
4	2.2		4.0									
5												
6		6.0		3.4								
7	AV		5.3									
8												
9		AM		5.1								
10	2.2		6.5									
11												
12		4.5		6.7								
13	14.5		3.2									
14												
15		13.6		28.3								
16	5.5		3.3									
17												
18		13.5		9.5								
19	8.5		5.0									
20												
21		P 42.3		8.0								
22	18.5		3.2									
23												
24		2.2		3.4								
25	4.0		4.9									
26												
27		9.2		8.4								
28	1.5		5.0									
29												
30				6.9								
31	1.9		2.4									
NO.:	10	8	11	10	0	0	0	0	0	0	0	0
MAX:	18.5	42.3	6.5	28.3								
MEAN:	6.76	11.71	4.17	8.34								
ANNUAL OBSERVATIONS:		39	ANNUAL MEAN:	7.45	ANNUAL MAX:	42.3						

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 1  
 COUNTY: (035) Salt Lake  
 CITY: (67000) Salt Lake City  
 SITE ADDRESS: 1250 NORTH 1400 WEST  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.78422  
 LONGITUDE: -111.931  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1286  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	16.9	7.7	3.9	6.7	3.9	12.7	AM	9.3	4.6	10.7	3.9	7.5
2	31.2	8.0	3.3	6.3	6.7	9.3	13.2	17.5	7.5	12.0	2.8	2.8
3	31.6	2.6	7.1	5.2	7.7	13.7	11.3	9.8	7.4	8.6	6.7	3.4
4	6.3	2.6	3.9	6.8	6.2	4.0	18.0	9.7	5.1	4.4	3.1	4.5
5	4.5	13.5	7.1	4.3	7.7	3.5	15.7	10.2	6.3	3.9	4.9	12.8
6	7.1	9.3	7.0	4.5	7.5	AN	10.0	AM	5.2	AN	8.4	17.5
7	18.9	5.9	9.9	4.4	6.9	AN	BC	7.0	6.0	AN	7.8	24.1
8	11.2	5.5	5.9	9.6	6.2	AN	18.6	6.5	8.7	5.9	9.7	13.9
9	3.9	13.1	11.4	6.1	8.5	AN	16.3	5.6	5.8	8.4	7.2	8.0
10	9.4	17.6	10.4	4.0	4.5	4.4	11.5	6.0	4.8	4.1	4.6	16.4
11	18.3	14.8	8.8	4.4	7.4	2.6	10.5	7.3	7.7	5.6	8.6	22.1
12	17.2	12.7	7.6	8.7	4.9	3.6	9.5	8.4	7.2	4.4	4.5	23.1
13	23.9	5.9	4.2	9.9	4.2	4.4	11.8	9.2	6.9	5.1	3.8	8.5
14	25.9	4.6	3.4	12.0	4.1	5.5	10.0	9.1	7.5	9.6	3.8	3.8
15	14.8	21.8	5.6	22.3	4.0	14.6	14.9	8.9	9.9	11.9	11.1	3.2
16	10.5	P 37.5	3.5	5.5	7.5	14.9	15.1	3.7	9.7	12.1	15.0	8.0
17	13.5	32.3	1.8	7.6	8.4	12.5	12.5	6.5	7.3	10.0	25.0	16.9
18	19.2	P 36.2	4.6	13.4	7.7	12.2	14.0	8.5	8.0	5.7	33.6	14.0
19	17.3	P 42.5	5.4	AN	8.0	8.0	15.6	10.2	9.2	8.8	P 38.4	2.9
20	19.7	P 49.9	5.2	23.1	15.1	14.5	10.7	9.1	6.1	5.0	17.8	7.3
21	8.7	P 54.6	6.5	6.6	10.9	10.8	11.7	10.4	6.3	4.6	8.2	12.0
22	22.3	16.1	4.3	12.5	3.5	11.7	15.9	12.4	6.2	5.2	12.3	2.5
23	34.3	23.5	8.7	7.4	3.9	25.6	11.4	19.6	7.1	10.0	17.8	5.7
24	P 50.5	3.9	6.3	3.7	2.5	14.9	31.2	9.5	8.8	15.4	16.3	7.2
25	P 42.9	5.7	6.9	3.8	7.4	26.7	12.6	12.7	5.5	12.7	31.0	.5
26	24.6	16.7	7.1	5.4	5.7	12.5	7.4	7.3	10.8	12.9	32.4	4.4
27	3.4	23.5	4.4	9.7	15.0	21.0	9.3	7.9	9.5	15.0	30.4	7.7
28	1.2	29.0	9.0	8.9	34.6	13.0	8.0	18.7	10.7	18.9	23.1	10.2
29	2.9	24.8	2.3	14.9	10.7	9.5	12.7	11.9	8.9	17.4	12.2	14.1
30	2.6		6.6	5.1	7.5	11.7	8.6	10.9	9.3	11.1	6.3	22.0
31	3.9		2.6		28.1		13.5	7.9		6.2		P 38.7
NO.:	31	29	31	29	31	26	29	30	30	29	30	31
MAX:	50.5	54.6	11.4	23.1	34.6	26.7	31.2	19.6	10.8	18.9	38.4	38.7
MEAN:	16.73	18.68	5.96	8.37	8.61	11.45	13.16	9.72	7.47	9.16	13.69	11.15
ANNUAL OBSERVATIONS:	356		ANNUAL MEAN: 11.16		ANNUAL MAX: 54.6		9 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4					
							9 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4					

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
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Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-035-3010 POC: 2  
 COUNTY: (035) Salt Lake  
 CITY: (67000) Salt Lake City  
 SITE ADDRESS: 1250 NORTH 1400 WEST  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (7159) SALT LAKE CITY, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.78422  
 LONGITUDE: -111.931  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 1286  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												
2											3.2	3.0
3									7.8	8.2		
4								9.1				
5						2.1	17.6					
6												
7												
8											10.0	13.6
9									6.5	8.8		
10								AN				
11						2.2	11.6					
12												
13												
14											4.7	3.8
15									10.5	16.4		
16								4.5				
17						11.7	12.7					
18												
19												
20											18.0	7.4
21										4.7		
22								8.1	6.3			
23						9.4	16.9					
24					3.2							
25					5.4							
26					5.4						33.3	4.7
27									9.3	14.9		
28								10.3				
29						9.8	10.3					
30					8.3							
31												
NO.:	0	0	0	0	4	5	5	4	5	5	5	5
MAX:					8.3	11.7	17.6	10.3	10.5	16.4	33.3	13.6
MEAN:					5.58	7.04	13.82	8.00	8.08	10.60	13.84	6.50
ANNUAL OBSERVATIONS:	38		ANNUAL MEAN:		9.31		ANNUAL MAX:		33.3			

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-045-0003 POC: 1  
 COUNTY: (045) Tooele  
 CITY: (76680) Tooele  
 SITE ADDRESS: 434 NORTH 50 WEST, TOOELE, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 40.543371  
 LONGITUDE: -112.298814  
 UTM ZONE: 12  
 UTM NORTHING: 4488683  
 UTM EASTING: 390013  
 ELEVATION-MSL: 1511  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	6.3		2.2					5.7				
2						AM	9.1				1.4	1.7
3		1.7		5.4	3.9				5.1	AN		
4	3.2		3.7					6.0				
5						2.5	12.3				1.6	5.6
6		3.5		3.2	5.1				3.2	AN		
7	8.5		4.5					7.5				
8						1.9	10.6				5.2	
9		3.1		AN	8.8				AI	4.3		6.7
10	4.2							5.3				
11						1.6	6.1				2.6	10.8
12		2.6		4.6	4.5				5.3	1.9 Y		
13	10.0		1.7					5.0				
14						3.9	6.0				4.1	1.5
15		8.9		19.4	7.4					5.8		
16	6.4		2.6					4.5	6.9			
17						8.2	8.9				10.4	5.0
18		8.8		7.6	5.4				AN	4.8		
19	7.0		4.3					4.6				
20						AM	6.9				6.8	1.9
21		P 36.0		6.9	12.2				5.6	4.0		
22	14.0		3.5					7.7				
23						8.9	7.3				8.3	5.0
24		AL		5.2	3.4				6.0	6.5		
25	P 37.7		5.1					5.8				
26						9.4	5.9					2.4
27		11.0		7.7	5.3				5.9	7.4	14.8	
28	AM		6.9					4.4				
29						8.1	7.2				2.5	6.1
30				5.3	4.8					7.0		
31	2.3		2.4					AL				
NO.:	10	8	10	9	10	8	10	10	7	8	10	10
MAX:	37.7	36.0	6.9	19.4	12.2	9.4	12.3	7.7	6.9	7.4	14.8	10.8
MEAN:	9.96	9.45	3.69	7.26	6.08	5.56	8.03	5.65	5.43	5.21	5.77	4.67

2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-0002 POC: 1  
 COUNTY: (049) Utah  
 CITY: (62470) Provo  
 SITE ADDRESS: 1355 NORTH 200 WEST PROVO UT  
 SITE COMMENTS:  
 MONITOR COMMENTS: PARTISOL WITH CYCLONE IMPACTOR

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (6520) PROVO-OREM, UT  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 40.253611  
 LONGITUDE: -111.663056  
 UTM ZONE: 12  
 UTM NORTHING: 4455894  
 UTM EASTING: 443606  
 ELEVATION-MSL: 1402  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	12.8	9.5	7.1	4.8	3.9	11.3	12.9	8.8	3.5	8.5	4.6	5.6
2		10.0	3.6	6.3	6.1	8.3	17.0	7.7	5.3	10.7	3.3	4.7
3		2.7	7.8	6.7	5.9	7.9	18.7	6.3	6.1	10.0	5.2	3.7
4	6.4	5.5	6.2	7.6	5.0	3.7	22.6	8.7	6.0	2.9	3.3	5.4
5		15.6	6.5	5.7	6.9	3.1	14.6	14.8	6.0	2.4	3.7	10.9
6		11.8	6.7	3.8	8.8	4.4	12.1	9.7	5.6	5.0	7.2	12.4
7	AN	9.5	7.6	6.1	12.8	4.0	11.7	7.9	5.3	4.5	6.7	10.1
8		7.1	7.2	9.8	6.4	2.3	19.3	6.8	7.2	6.1	8.7	7.2
9		19.2	11.0	9.3	9.4	3.7	21.1	4.6	6.7	5.2	4.8	8.2
10	14.7	21.1	7.9	4.9	5.0	7.3	21.1	5.0	4.9	5.3	4.8	11.1
11		14.2	8.1	6.9	9.4	3.2	15.5	8.8	6.1	6.1	5.1	12.3
12		12.1	6.7	9.4	6.5	3.0	14.4	7.2	6.9	3.2	4.1	14.9
13	24.3	8.2	4.2	6.0	6.2	4.5	16.4	8.3	5.9	9.7	4.2	4.4
14		9.4	3.4	16.3	5.2	5.9	16.6	9.4	5.2	10.9	4.8	4.2
15		23.0	5.0	22.9	5.0	8.0	15.8	7.7	6.8	AN	10.7	4.5
16	10.0	33.0	6.3	7.7	7.2	11.4	14.7	4.5	6.6	AN	9.6	4.8
17		P 45.9	6.1	10.0	9.8	13.9	13.0	6.2	6.5	AN	10.1	10.7
18		P 39.5	4.6	12.2	9.0	12.4	BC	7.3	6.6	5.3	10.6	14.4
19	22.1	P 37.0	5.5	P 49.9 rj	9.1	9.5	11.4	10.3	5.9	4.0	8.6	3.3
20		P 36.2	5.1	27.2	34.1	7.7	8.7	8.5	9.3	5.1	7.3	5.8
21		P 46.1	7.4	9.5	15.9	6.3	6.8	6.8	6.7	4.8	6.4	12.6
22	21.1	19.6	5.3	14.4	3.7	10.1	7.4	11.5	6.7	5.9	9.8	5.5
23		15.2	5.9	9.8	AN	12.2	8.1	8.0	6.9	AM	12.8	9.8
24		3.7	6.2	4.5	3.0	13.7	11.0	5.6	7.1	10.3	11.7	12.0
25	6.2	11.5	6.9	5.4	5.2	15.6	9.9	6.4	7.3	10.1	13.3	3.3
26		8.6	9.6	7.0	6.6	13.1	8.9	9.7	8.6	8.7	13.3	4.5
27		11.8	5.2	7.6	6.1	14.6	6.2	8.1	8.0	8.7	13.6	7.5
28	AM	23.0	5.5	9.3	5.6	11.0	6.3	7.7	6.8	7.8	17.9	10.1
29		22.9	4.5	29.4	7.2	11.6	8.7	11.3	8.0	8.2	8.5	16.6
30			8.7	10.8	7.2	14.0	8.3	9.9	10.9	7.2	7.2	16.8
31	AM		AN		7.3		8.4	4.1		7.6		31.1
NO.:	8	29	30	30	30	30	30	31	30	27	30	31
MAX:	24.3	46.1	11.0	49.9	34.1	15.6	22.6	14.8	10.9	10.9	17.9	31.1
MEAN:	14.70	18.38	6.39	11.37	7.98	8.59	12.92	7.99	6.65	6.82	8.06	9.30

ANNUAL OBSERVATIONS: 336 ANNUAL MEAN: 9.61 ANNUAL MAX: 49.9  
 6 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 6 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 1  
 COUNTY: (049) Utah  
 CITY: (45090) Lindon  
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH  
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (6520) PROVO-OREM, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.341389  
 LONGITUDE: -111.713611  
 UTM ZONE: 12  
 UTM NORTHING: 4465688  
 UTM EASTING: 439398  
 ELEVATION-MSL: 1442  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0:(1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	18.7	8.2	4.7	5.5	4.5	10.0	9.1	8.0	3.4	9.8	4.0	8.1
2	27.3	11.2	3.4	5.9	5.6	8.9	14.8	7.7	4.7	10.7	2.2	4.6
3	11.0	2.6	5.6	6.8	6.3	7.3	17.0	7.3	5.5	11.4	AN	4.0
4	2.6	5.2	4.0	6.9	5.3	3.5	22.4	10.1	AM	2.8	3.2	7.2
5	4.2	15.7	6.1	6.4	7.3	3.0	20.8	14.6	5.4	2.4	3.7	14.0
6	2.8	11.2	7.5	3.5	8.4	4.4	11.1	8.9	5.2	5.8	7.1	13.6
7	11.2	5.5	10.0	6.4	7.1	2.7	13.4	7.5	4.5	4.5	8.4	12.2
8	12.0	4.5	8.7	9.2	6.7	2.3	15.5	7.8	6.5	5.9	8.6	8.6
9	2.7	19.5	12.1	6.9	8.7	2.6	15.5	6.2	6.5	AN	4.4	7.7
10	15.4	23.0	9.6	5.1	5.6	7.1	15.4	4.9	5.4	AN	5.0	12.5
11	23.6	17.3	11.1	5.9	7.7	3.2	12.8	7.6	6.1	AN	6.1	14.2
12	25.5	10.6	8.6	10.4	5.5	3.3	13.2	7.6	8.5	4.3	3.8	12.0
13	28.4	9.7	4.5	7.3	5.9	4.5	17.7	8.7	AN	8.4	3.5	8.4
14	AN	9.0	4.4	13.7	4.9	6.0	15.3	8.9	5.6	12.8	3.7	4.0
15	AN	24.2	4.5	24.5	4.4	7.7	BC	8.0	7.6	6.5	10.8	5.8
16	AN	P 35.5	6.5	6.7	8.1	11.9	14.1	4.7	6.8	5.6	12.5	6.0
17	15.2	P 45.6	5.9	8.2	8.7	12.5	10.4	5.5	6.9	7.7	14.5	14.0
18	19.0	P 46.3	5.2	11.5	7.8	12.2	10.4	AN	7.1	5.2	14.0	12.2
19	20.9	P 44.7	5.0	31.4	9.2	8.3	10.6	9.7	6.9	3.0	8.3	2.5
20	16.2	P 42.2	4.8	20.5	P 36.5 rj	8.5	7.1	7.3	8.1	4.1	8.9	8.1
21	AN	P 44.7	7.2	8.7	13.4	7.6	9.0	6.1	6.3	4.7	5.6	14.0
22	AN	18.3	5.5	11.6	4.8	13.7	8.6	10.1	AN	6.0	9.6	2.8
23	34.5	15.3	5.5	9.0	2.9	12.4	8.7	10.1	8.2	8.2	13.6	11.1
24	34.3	3.3	5.7	4.1	2.4	14.1	22.3	9.8	9.2	11.5	11.5	12.1
25	3.6	14.1	6.6	4.9	5.2	15.3	8.7	7.8	8.7	12.0	17.3	2.2
26	7.7	9.3	10.5	7.0	8.2	12.5	6.7	13.0	10.4	9.7	14.9	5.4
27	3.9	15.5	4.3	7.5	8.2	15.3	7.7	11.5	11.2	9.4	13.5	8.3
28	1.8	23.4	5.8	9.2	4.8	11.1	6.7	AN	7.4	11.9	17.1	15.4
29	2.2	25.8	4.0	28.3	7.0	11.4	9.5	10.5	8.9	7.9	12.1	20.7
30	4.0		9.8	10.8	8.6	11.1	8.0	8.7	9.2	6.1	8.2	21.2
31	6.1		4.0		7.5		10.9	3.9		5.0		P 40.3
NO.:	26	29	31	30	31	30	30	29	27	28	29	31
MAX:	34.5	46.3	12.1	31.4	36.5	15.3	22.4	14.6	11.2	12.8	17.3	40.3
MEAN:	13.65	19.36	6.49	10.13	7.65	8.48	12.45	8.36	7.04	7.26	8.83	10.75

8 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 8 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-4001 POC: 2  
 COUNTY: (049) Utah  
 CITY: (45090) Lindon  
 SITE ADDRESS: 30 NORTH MAIN STREET, LINDON, UTAH  
 SITE COMMENTS: LOCATED AT LINDON ELEMENTARY SCHOOL  
 MONITOR COMMENTS: PARTISOL WITH WINS IMPACTOR

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (6520) PROVO-OREM, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.341389  
 LONGITUDE: -111.713611  
 UTM ZONE: 12  
 UTM NORTHING: 4465688  
 UTM EASTING: 439398  
 ELEVATION-MSL: 1442  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	19.2		4.9									
2											2.6	4.3
3									6.1	10.3		
4								10.5				
5						3.4	19.5					
6		11.7		3.6	11.2							
7	10.4		9.8									
8											8.5	8.2
9									6.4	6.5		
10								4.9				
11						3.0	16.7					
12		10.7		10.2	6.3							
13	28.9		4.2								3.9	4.6
14									8.1	5.9		
15									4.6			
16						11.1	AM					
17												
18		P 46.9		12.1	8.1							
19	20.9		5.7								9.4	7.1
20												
21									5.7	4.8		
22								9.6				
23						8.6	7.8					
24		3.1		4.3	AM							
25	3.9		7.2									
26											14.7	AI
27								8.2	9.9			
28								7.5				
29						9.8	10.5					
30				10.6	10.9							
31	6.7		4.4									
NO.:	6	4	6	5	4	5	4	5	5	5	5	4
MAX:	28.9	46.9	9.8	12.1	11.2	11.1	19.5	10.5	8.2	10.3	14.7	8.2
MEAN:	15.00	18.10	6.03	8.16	9.13	7.18	13.63	7.42	6.90	7.48	7.82	6.05
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	9.29	ANNUAL MAX:	46.9					

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-5008 POC: 1  
 COUNTY: (049) Utah  
 CITY: (00000) Not in a city  
 SITE ADDRESS: 10865 N. 6000 WEST, HIGHLAND, UTAH  
 SITE COMMENTS: PART OF 1994 OZONE NETWORK  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (6520) PROVO-OREM, UT  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: RURAL

CAS NUMBER:  
 LATITUDE: 40.430278  
 LONGITUDE: -111.803889  
 UTM ZONE: 12  
 UTM NORTHING: 4475602  
 UTM EASTING: 431803  
 ELEVATION-MSL: 1485  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.8		AM					7.2				
2						9.0	11.0				2.1	2.2
3		1.7		6.2	4.6				AM	9.0		
4	2.4		4.4					8.6				
5						2.8	13.3				2.0	8.0
6		9.9		4.4	5.8				4.9	4.1		
7	9.4		6.2					6.5				
8						2.0	12.6				4.5	6.6
9		13.9		6.4	10.0				9.0	AL		
10	10.9		7.9					4.6				
11						2.3	11.5				5.3	10.8
12		8.8		6.1	AN				5.7	4.8		
13	20.3		4.5					6.6				
14						4.8	10.0				3.5	2.9
15		17.2		24.6	4.7				5.1	5.3		
16	5.7		5.2					4.7				
17						9.3	9.4				7.1	6.5
18		26.2		12.3	8.5				5.7	4.7		
19	16.5		4.3					10.6				
20						5.0	8.3				5.4	7.9
21		P 38.4		8.4	12.2				5.8	4.8		
22	21.9		5.8					8.1				
23						8.6	8.8				10.9	9.2
24		3.6		3.3	2.6				4.8	8.9		
25	3.7		4.1					7.2				
26						11.2	8.1				10.3	3.8
27		10.0		7.1	5.6				6.2	6.3		
28	1.6		4.9					7.4				
29						9.6	10.9				8.9	7.0
30				8.4	6.4				6.0	5.3		
31	6.4		3.7					4.9				
NO.:	11	9	10	10	9	10	10	11	9	9	10	10
MAX:	21.9	38.4	7.9	24.6	12.2	11.2	13.3	10.6	9.0	9.0	10.9	10.8
MEAN:	10.05	14.41	5.10	8.72	6.71	6.46	10.39	6.95	5.91	5.91	6.00	6.49
ANNUAL OBSERVATIONS:		118	ANNUAL MEAN:	7.76	ANNUAL MAX:	38.4						

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-049-5010 POC: 1  
 COUNTY: (049) Utah  
 CITY: (71290) Spanish Fork  
 SITE ADDRESS: 312 W. 2050 NORTH, SPANISH FORK, UTAH  
 SITE COMMENTS: SITE IS LOCATED AT SPANISH FORK AIRPORT  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (6520) PROVO-OREM, UT  
 LAND USE: INDUSTRIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.136389  
 LONGITUDE: -111.659722  
 UTM ZONE: 12  
 UTM NORTHING: 4442904  
 UTM EASTING: 443807  
 ELEVATION-MSL: 1380  
 PROBE HEIGHT: 5

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.7		5.2					11.2				
2						8.0	11.7				2.9	3.0
3		1.7		4.9	9.8				6.0			
4	4.9		5.4					10.0		4.3		
5						3.5	11.5				3.9	8.7
6		10.1		4.0	10.8				5.7	1.8		
7	9.1		5.6					6.3				
8						2.3	14.7				4.5	5.5
9		16.9		9.3	8.3				7.2	5.1		
10	7.6		5.1					5.2				
11						2.5	12.5				5.9	8.3
12		13.7		7.4	8.2				5.9	3.5		
13	19.2		3.7					7.5				
14						5.2	13.2				3.2	3.2
15		24.2		18.0	3.4				5.7	3.6		
16	11.0		5.3					4.3				
17						13.1	8.7				9.3	9.5
18		27.6		13.7	7.4				7.2	4.7		
19	26.2		5.6					8.9				
20						7.9	8.1				3.8	6.3
21		P 43.3		14.7	15.6				7.2	5.4		
22	19.2		4.9					8.5				
23						7.9	9.2				12.8	8.6
24		2.6		6.2	3.0				6.8	8.1		
25	3.5		6.3					6.7				
26						14.1	8.1				9.4	3.3
27		8.5		8.9	5.5				8.2	9.2		
28	1.4		4.9					7.3				
29						9.4	8.6				8.2	3.1
30				13.6	6.7				7.4	8.4		
31	3.9		3.5					4.4				
NO.:	11	9	11	10	10	10	10	11	10	10	10	10
MAX:	26.2	43.3	6.3	18.0	15.6	14.1	14.7	11.2	8.2	9.2	12.8	9.5
MEAN:	10.43	16.51	5.05	10.07	7.87	7.39	10.63	7.30	6.73	5.41	6.39	5.95

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0002 POC: 1  
 COUNTY: (057) Weber  
 CITY: (55980) Ogden  
 SITE ADDRESS: 228 32ND STREET, OGDEN, UTAH  
 SITE COMMENTS: THIS SITE REPLACES OG (490570001) WHICH WAS DEMOLISHED FOR NEW CONST.  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (5840) OGDEN, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER:  
 LATITUDE: 41.206389  
 LONGITUDE: -111.974722  
 UTM ZONE: 12  
 UTM NORTHING: 4561914  
 UTM EASTING: 418278  
 ELEVATION-MSL: 1316  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (145) R & P Model 2025 PM-2.5 Sequential  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	11.3	5.5	11.2	5.9	3.5	7.8	10.3	11.9	4.1	8.2	4.9	9.0
2	16.2	AV	2.6	3.9	5.3	6.0	10.7	11.9	6.5	9.1	2.8	5.1
3	28.9	AV	8.1	6.2	5.7	5.8	14.6	9.9	6.5	8.5	5.5	2.7
4	11.4	AV	5.0	6.8	5.1	3.4	P 42.7 rh	9.2	4.9	3.3	2.8	4.8
5	5.6	AV	7.3	3.9	8.5	2.0	27.2	9.6	5.5	4.1	5.3	10.6
6	6.9	AV	8.5	3.8	6.9	3.7	12.7	10.4	6.0	4.5	7.5	13.9
7	10.9	4.4	12.2	5.2	6.7	2.4	22.7	8.1	5.1	5.9	8.0	17.2
8	10.4	4.8	6.7	6.8	6.3	2.9	27.0	6.4	6.3	6.4	11.2	12.7
9	3.6	8.7	11.0	8.5	8.1	3.8	25.4	5.5	6.2	5.6	4.9	7.3
10	12.1	12.7	9.2	5.8	7.0	4.0	BC	5.2	5.3	4.5	2.9	13.1
11	12.8	15.7	8.5	5.4	8.2	2.2	9.4	6.3	7.4	3.3	4.5	13.0
12	18.8	11.8	4.6	9.9	4.4	3.8	9.2	6.5	6.8	3.6	4.5	20.1
13	30.5	8.0	4.6	9.8	3.2	5.3	12.8	7.2	6.7	6.9	4.2	4.9
14	20.6	3.6	7.7	12.1	4.5	7.4	9.0	7.7	5.9	10.0	5.3	3.4
15	12.7	13.2	4.7	20.8	4.2	10.2	11.7	6.9	7.7	9.8	8.4	3.9
16	4.2	32.3	2.5	5.4	6.6	11.9	16.0	3.0	7.2	9.2	12.7	6.3
17	12.6	P 36.2	2.4	8.3	6.7	11.7	11.7	6.1	7.2	8.0	13.1	10.7
18	25.4	19.9	3.9	10.4	7.9	11.1	14.7	8.1	7.8	6.7	16.0	13.7
19	20.4	29.2	5.0	23.8	7.5	8.4	15.0	8.5	8.7	7.2	17.1	3.9
20	10.0	P 35.6	4.3	18.2	13.1	8.5	11.7	7.5	7.7	5.4	7.0	5.3
21	16.6	P 46.4	6.7	6.4	9.1	7.4	13.4	6.9	6.8	4.4	5.2	15.7
22	22.1	29.6	5.4	9.7	2.8	18.1	8.8	8.0	5.2	5.6	11.4	4.7
23	31.5	23.4	8.9	7.1	4.2	23.1	10.8	10.4	6.3	8.5	12.2	4.0
24	P 37.4	4.2	8.1	3.0	4.5	14.9	33.6	12.3	8.0	11.9	12.7	8.1
25	P 46.7	7.4	5.3	3.9	4.8	17.2	11.4	8.0	6.5	10.6	16.0	1.0
26	20.9	14.9	6.3	6.6	4.2	13.7	8.5	10.7	7.9	7.8	17.4	5.4
27	5.2	23.6	3.3	9.0	6.5	9.9	9.2	7.3	8.7	10.3	25.1	7.6
28	2.2	28.8	6.0	9.3	5.4	11.2	9.5	8.9	8.7	9.7	15.0	10.4
29	2.2	24.5	2.7	11.4	5.1	9.6	12.9	10.2	8.7	8.9	10.7	16.4
30	4.2		5.0	4.8	6.6	13.7	9.7	14.5	9.0	AN	9.9	15.0
31	3.0		2.9		7.5		15.1	7.5		AN		29.1
NO.:	31	24	31	30	31	30	30	31	30	29	30	31
MAX:	46.7	46.4	12.2	23.8	13.1	23.1	42.7	14.5	9.0	11.9	25.1	29.1
MEAN:	15.40	18.52	6.15	8.40	6.13	8.70	15.25	8.41	6.84	7.17	9.47	9.65
ANNUAL OBSERVATIONS:		358	ANNUAL MEAN:	9.86	ANNUAL MAX:	46.7						

6 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4

6 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0007 POC: 1  
 COUNTY: (057) Weber  
 CITY: (82070) Washington Terrace  
 SITE ADDRESS: 4601 S. 300 W., WASHINGTON TERRACE, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (5840) OGDEN, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 41.179722  
 LONGITUDE: -111.983056  
 UTM ZONE: 12  
 UTM NORTHING: 4558941  
 UTM EASTING: 417544  
 ELEVATION-MSL: 1379  
 PROBE HEIGHT: 5

SUPPORT AGENCY: ()  
 MONITOR TYPE: SPECIAL PURPOSE  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	8.1		AV									
2												
3		AL		AM								
4	6.2		AV									
5												
6		8.4		3.4								
7	7.3		9.4									
8												
9		5.4		8.2								
10	7.7		9.2									
11												
12		7.8		7.8								
13	26.7		2.9									
14												
15		11.3		18.8								
16	9.9		2.4									
17												
18		17.7		11.0								
19	19.9		4.8									
20												
21		AV		5.3								
22	18.5		4.7									
23												
24		AV		3.2								
25	P 39.0		5.0									
26												
27		AV		7.9								
28	2.9		5.6									
29												
30				4.4								
31	2.5		13.6									
NO.:	11	5	9	9	0	0	0	0	0	0	0	0
MAX:	39.0	17.7	13.6	18.8								
MEAN:	13.52	10.12	6.40	7.78								
ANNUAL OBSERVATIONS:		34		ANNUAL MEAN:	9.61	ANNUAL MAX:	39.0					

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-0007 POC: 2  
 COUNTY: (057) Weber  
 CITY: (82070) Washington Terrace  
 SITE ADDRESS: 4601 S. 300 W., WASHINGTON TERRACE, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS: COLLOCATED SAMPLES USED TO SUBSTITUTE FOR MISSING POC 1 VALUES

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (5840) OGDEN, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 41.179722  
 LONGITUDE: -111.983056  
 UTM ZONE: 12  
 UTM NORTHING: 4558941  
 UTM EASTING: 417544  
 ELEVATION-MSL: 1379  
 PROBE HEIGHT: 5

SUPPORT AGENCY: ()  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AM		8.1									
2												
3												
4												
5												
6		8.5		3.7								
7	4.2		8.7									
8												
9												
10												
11												
12		9.6		7.4								
13	26.2		2.8									
14												
15												
16												
17												
18		17.6		11.4								
19	AN		4.9									
20												
21												
22												
23												
24		AV		3.2								
25	P 39.6		5.6									
26												
27												
28												
29												
30				4.7								
31	3.1		AL									
NO.:	4	3	5	5	0	0	0	0	0	0	0	0
MAX:	39.6	17.6	8.7	11.4								
MEAN:	18.28	11.90	6.02	6.08								

ANNUAL OBSERVATIONS: 17 ANNUAL MEAN: 9.96 ANNUAL MAX: 39.6  
 1 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4  
 Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 8, 2009

(88101) PM2.5 - Local Conditions

SITE ID: 49-057-1003 POC: 1  
 COUNTY: (057) Weber  
 CITY: (00000) Not in a city  
 SITE ADDRESS: 425 W 2550 NORTH, OGDEN, UTAH  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (49) Utah  
 AQCR: (220) WASATCH FRONT  
 URBANIZED AREA: (5840) OGDEN, UT  
 LAND USE: RESIDENTIAL  
 LOCATION SETTING: RURAL

CAS NUMBER:  
 LATITUDE: 41.303683  
 LONGITUDE: -111.987067  
 UTM ZONE: 12  
 UTM NORTHING: 4572719  
 UTM EASTING: 417376  
 ELEVATION-MSL: 1331  
 PROBE HEIGHT: 4

SUPPORT AGENCY: (1113) Utah Department Of Environmental Quality  
 MONITOR TYPE: SLAMS  
 COLLECTION AND ANALYSIS METHOD: (143) R & P Model 2000 PM-2.5 Air Sample  
 PQA0: (1113) Utah Department Of Environmental Quality

REPORT FOR: 2008

DURATION: 24 HOURS  
 UNITS: Micrograms/cubic meter (LC)  
 MIN DETECTABLE: 2

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Day 1	14.4		8.9					9.6				
2						AN	11.0				8.0	5.5 Y
3		AL		5.8	4.7				6.7	7.8		
4	5.9		3.7					7.0				
5						1.5	23.9				2.6	7.9
6		8.6		2.6	5.9				4.8	AN		
7	7.8		11.6					7.0				
8						1.5	14.7				10.7	AM
9		7.8		7.7	7.3				6.9	5.1		
10	9.2		7.8					5.6				
11						1.2	7.9				6.5	AN
12		10.0		8.3	3.7				6.6	3.1		
13	29.8		2.3					6.3				
14						5.2	7.7				3.3	11.8
15		12.9		18.4	3.2				7.6	8.2		
16	12.0		2.6					4.2				
17						10.2	11.7				11.9	15.8
18		23.0		9.1	7.3				8.0	4.7		
19			4.2					7.9				
20	15.4					4.9	12.5				4.0	5.6
21		P 44.7		4.9	8.8				7.3	4.4		
22	22.0		4.3					7.5				
23						9.0	6.8				8.2	4.5
24		4.1		2.9	4.5				8.0	11.2		
25	P 38.9		5.0					7.4				
26						11.6	10.5				17.0	4.1
27		26.2		8.2	6.4				10.0	8.7		
28	1.9		5.7					7.6				
29						8.1	11.5				6.7	AI
30			4.5	5.0					9.6	8.9		
31	2.6		2.5					5.7				
NO.:	11	8	11	10	10	9	10	11	10	9	10	7
MAX:	38.9	44.7	11.6	18.4	8.8	11.6	23.9	9.6	10.0	11.2	17.0	15.8
MEAN:	14.54	17.16	5.33	7.24	5.68	5.91	11.82	6.89	7.55	6.90	7.89	7.89

ANNUAL OBSERVATIONS: 116 ANNUAL MEAN: 8.65 ANNUAL MAX: 44.7  
 2 Values marked with 'P' exceed the PRIMARY STANDARD of: 35.4  
 2 Values marked with 'S' exceed the SECONDARY STANDARD of: 35.4

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("\*") indicates that the region has reviewed the value and does not concur with the qualifier.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AI	Insufficient Data (cannot calculate)	NULL
AJ	Filter Damage	NULL
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AV	Power Failure	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
Y	Elapsed Sample Time out of Spec.	QA
rh	Fireworks	EX
rj	High Winds	NAT
rt	Wildfire-U. S.	NAT

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and those without regional concurrence are shown in lower case.